

Species Tag:	48006	Species Name:	O3-v1,3
Version:	3		Ozone,
Date:	March 1990		(100) and (001) states
Contributor:	H. M. Pickett		or ν_1 and ν_3 states
Lines Listed:	9685	Q(300.0)=	3553.040
Freq. (GHz) <	5163	Q(225.0)=	2230.489
Max. J:	81	Q(150.0)=	1198.671
LOGSTR0=	-9.9	Q(75.00)=	423.448
LOGSTR1=	-10.0	Q(37.50)=	150.038
Isotope Corr.:	0.0	Q(18.75)=	53.297
Egy. (cm ⁻¹) >	1042.9	Q(9.375)=	19.037
μ_a =		A=	104943.93
μ_b =	0.5324	B=	13229.74
μ_c =		C=	11726.61

The ozone spectrum was fitted using the microwave, millimeter, far-infrared, and infrared transitions given in H. M. Pickett *et al.*, 1985, J. Mol. Spect. **110**, 186. The dipole moment was assumed to be the same as for the ground state.